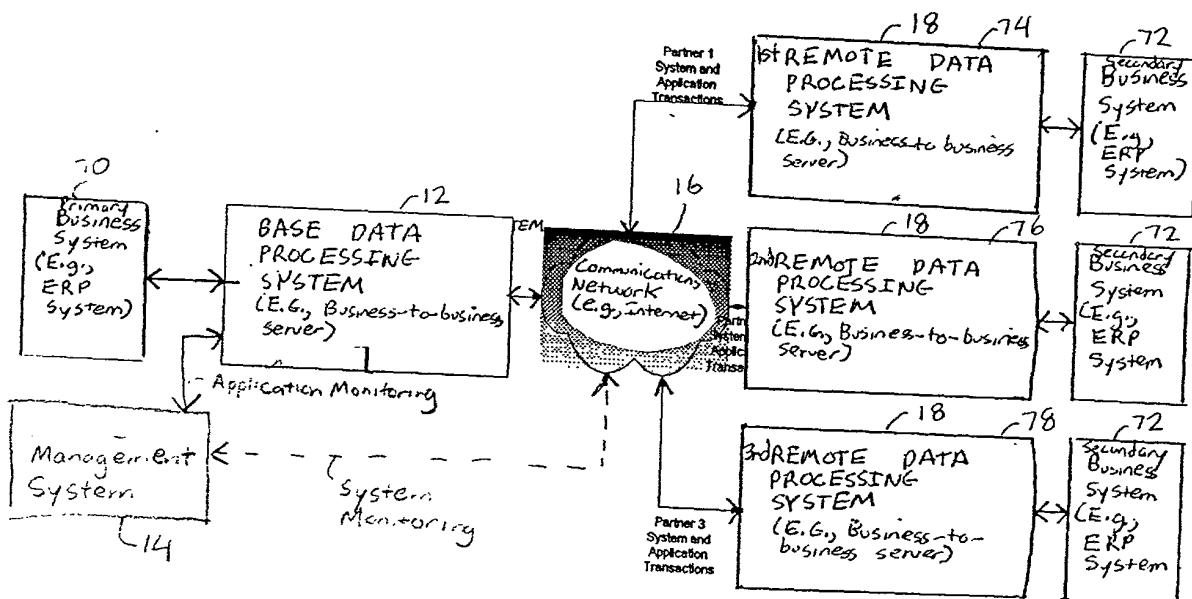


10022-2855

FIG. 1



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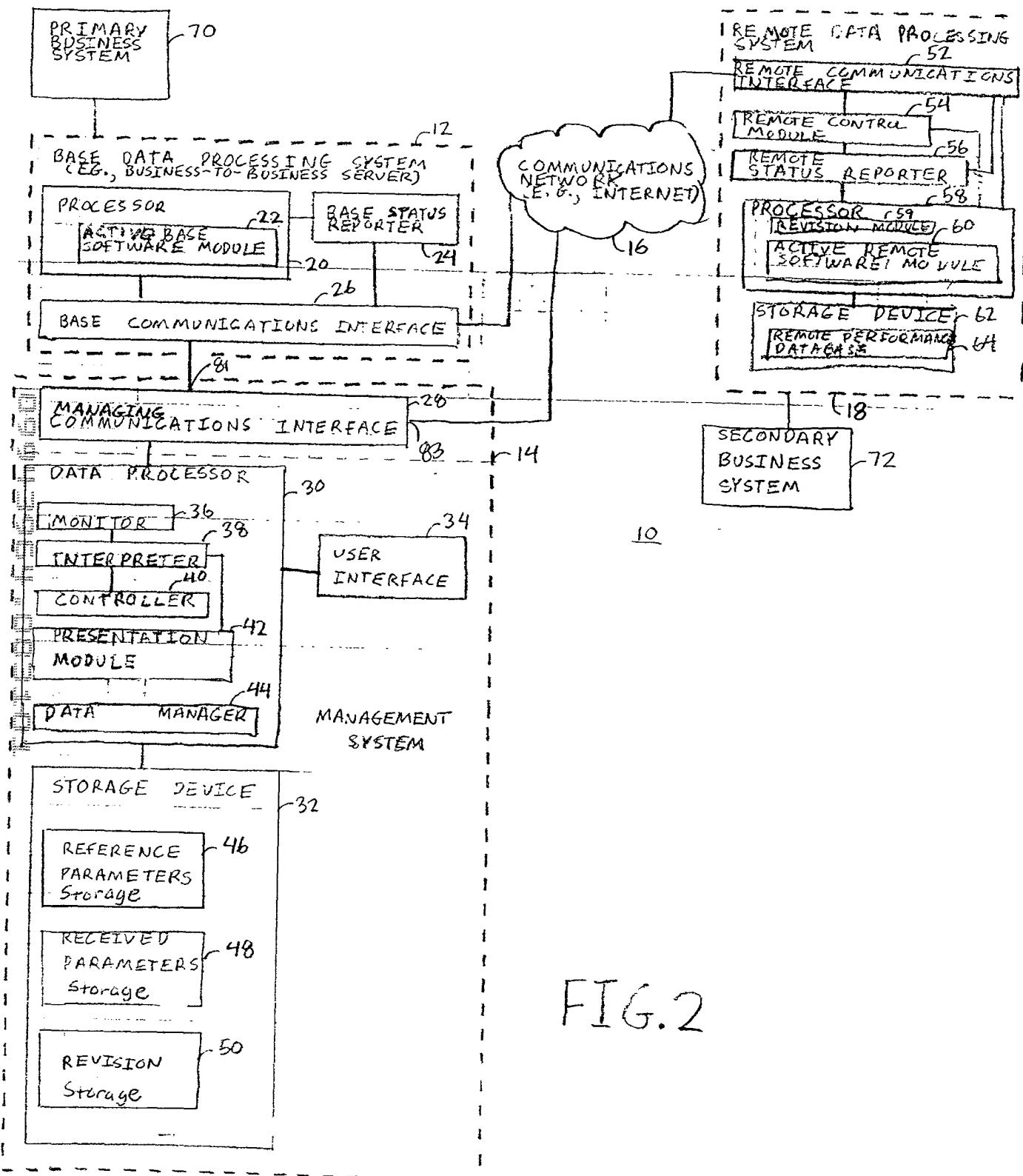
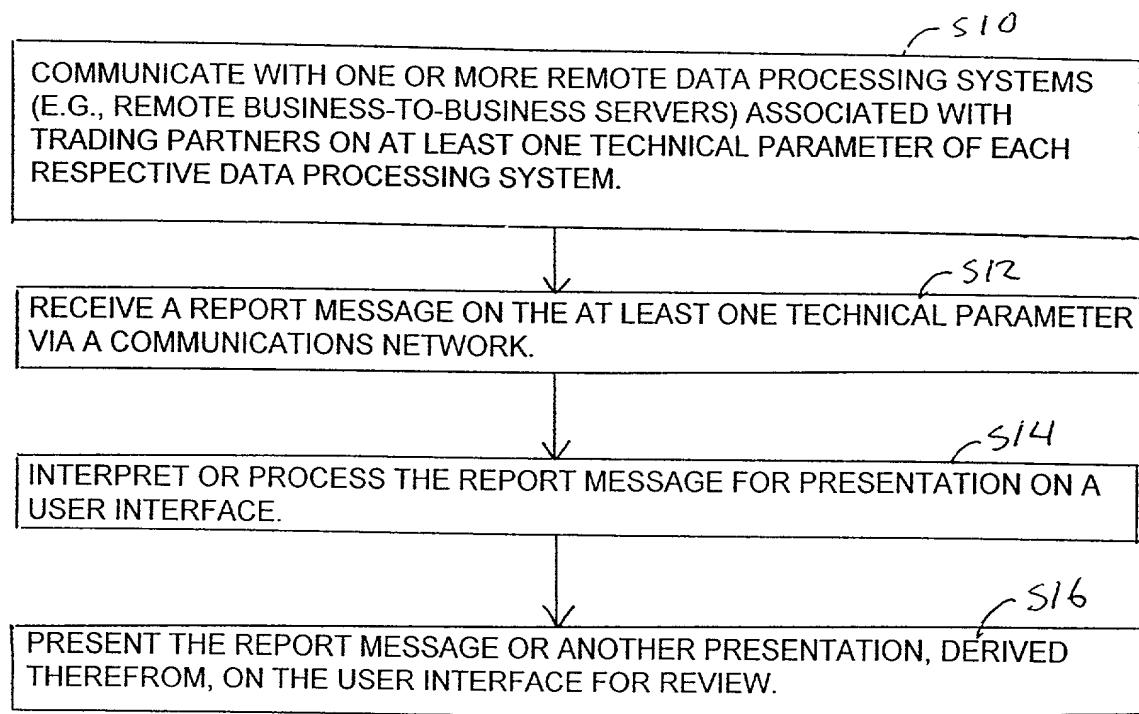


FIG.2

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FIG. 3



Patent Application for: REMOTELY MONITORING
A DATA PROCESSING SYSTEM VIA A
COMMUNICATIONS NETWORK
Inventor: Cornelius et al. Docket No. 10022/55

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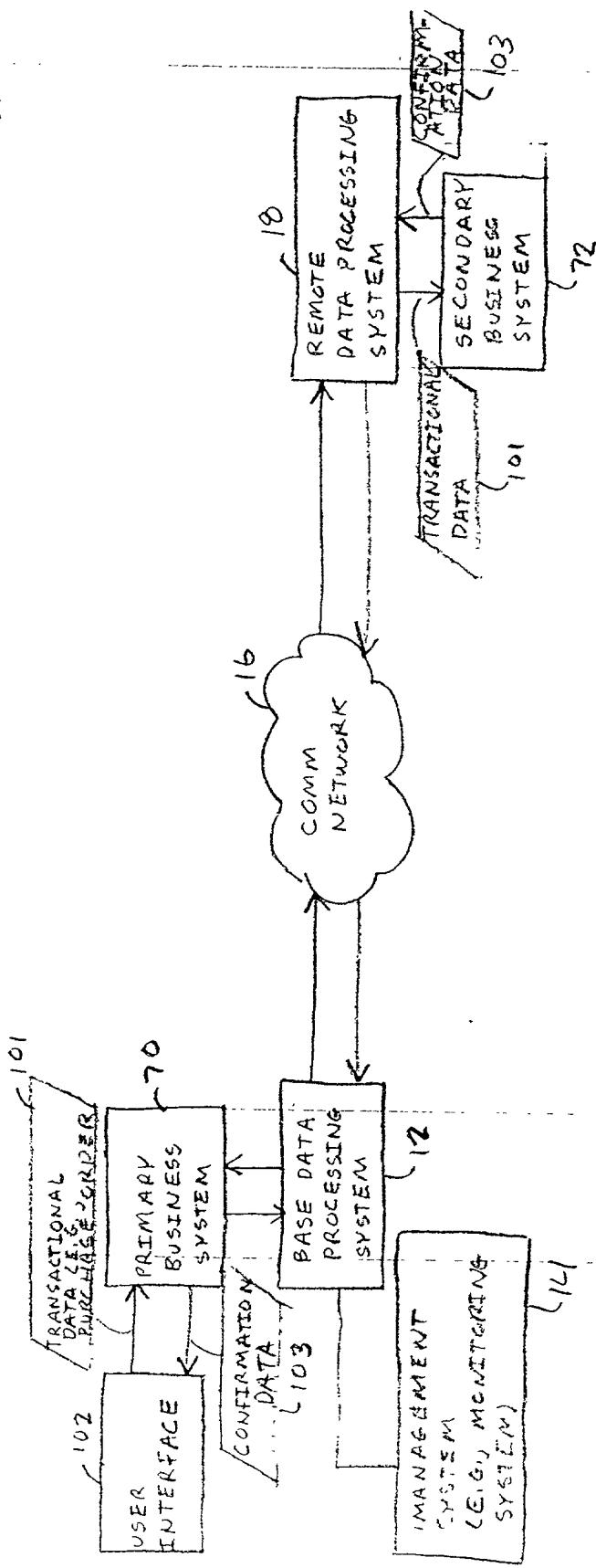


FIG. 4

Patent Application for: REMOTELY MONITORING
A DATA PROCESSING SYSTEM VIA A
COMMUNICATIONS NETWORK
Inventor: Cornelius et al. Docket No.10022/55

10022-2454

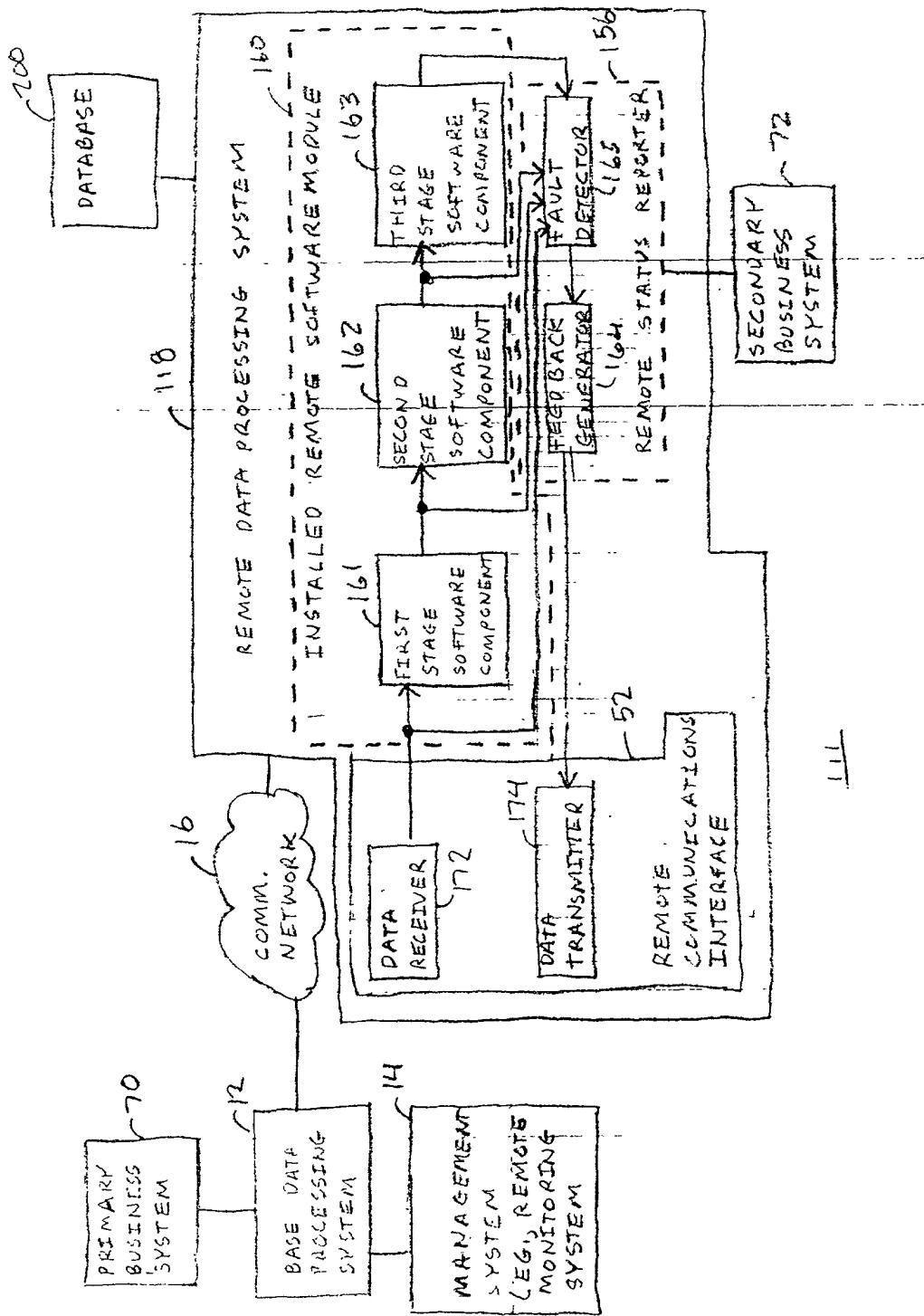
| TRADE PARTNER IDENTIFIER | TRANSACTION IDENTIFIER | INCOMING TIME | OUTGOING TIME | TIME | STATUS DATA |
|----------------------------|------------------------|------------------------|------------------------|------|--------------|
| 104 FIRST TRADING PARTNER | 1,000 00 | 1/31/2001, 10:30:00 AM | 1/31/2001, 10:34:00 AM | | COMPLETE |
| 105 SECOND TRADING PARTNER | 1,001.00 | 1/31/2001, 11:20:00 AM | 1/31/2001, 11:22:00 AM | | COMPLETE |
| 106 THIRD TRADING PARTNER | 1,002.00 | 1/31/2001, 1:12:00 PM | | | NOT RECEIVED |
| 107 NTH TRADING PARTNER | 1,003.00 | 1/31/2001, 10:30:00 PM | 1/31/2001, 10:45:00 PM | | DATA CORRUPT |

FIG. 5

Patent Application for: REMOTELY MONITORING
A DATA PROCESSING SYSTEM VIA A
COMMUNICATIONS NETWORK
Inventor: Cornelius et al. Docket No.10022/55

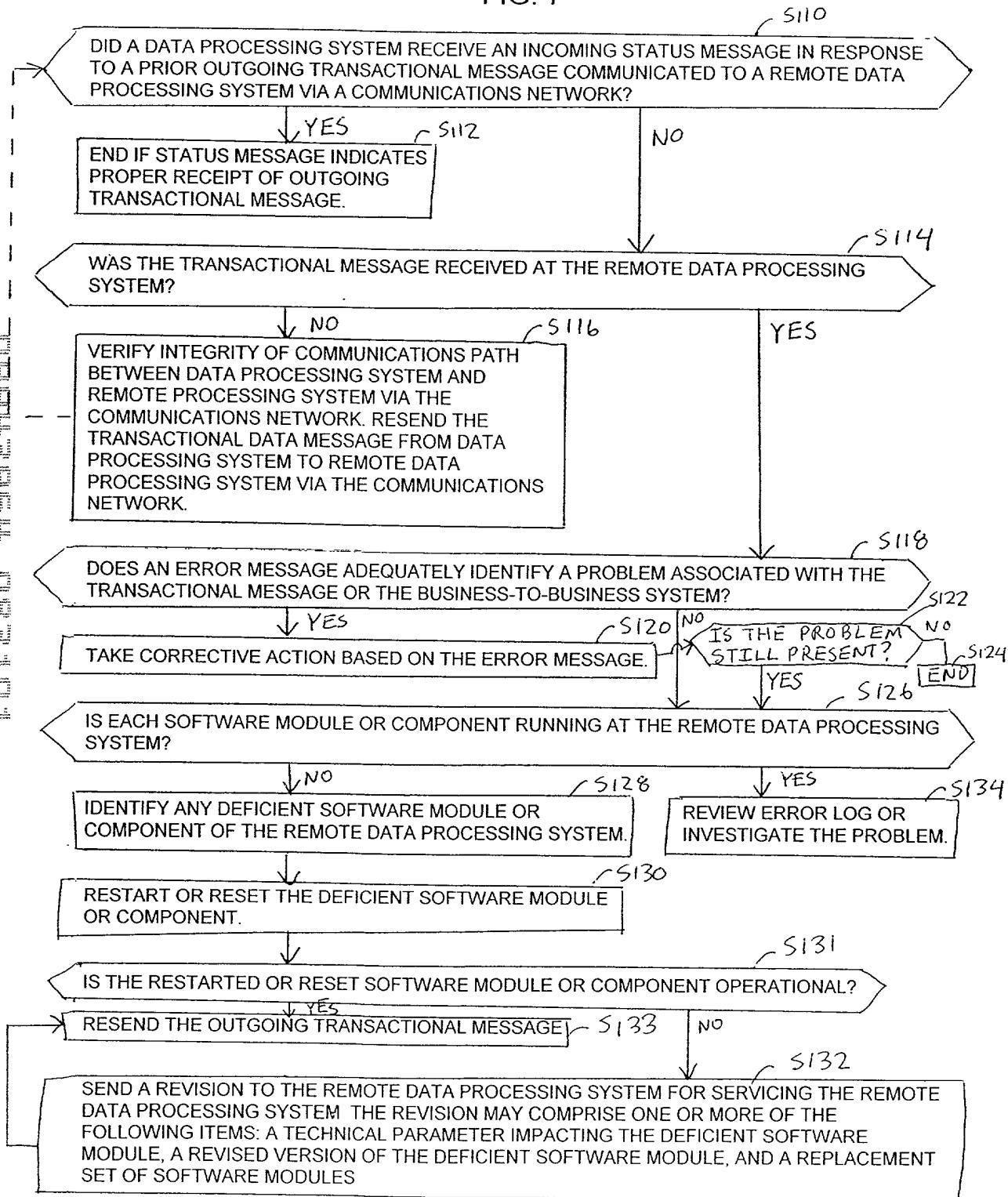
10022-55

FIG. 6



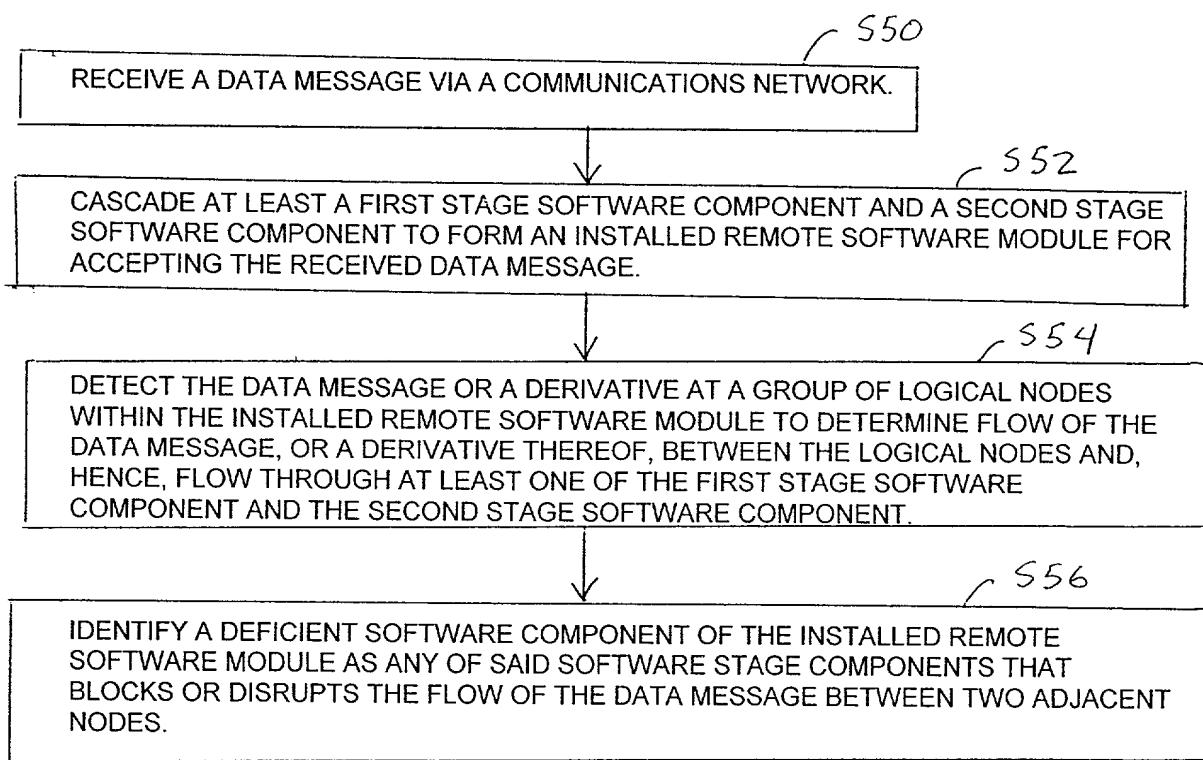
10022-55

FIG. 7



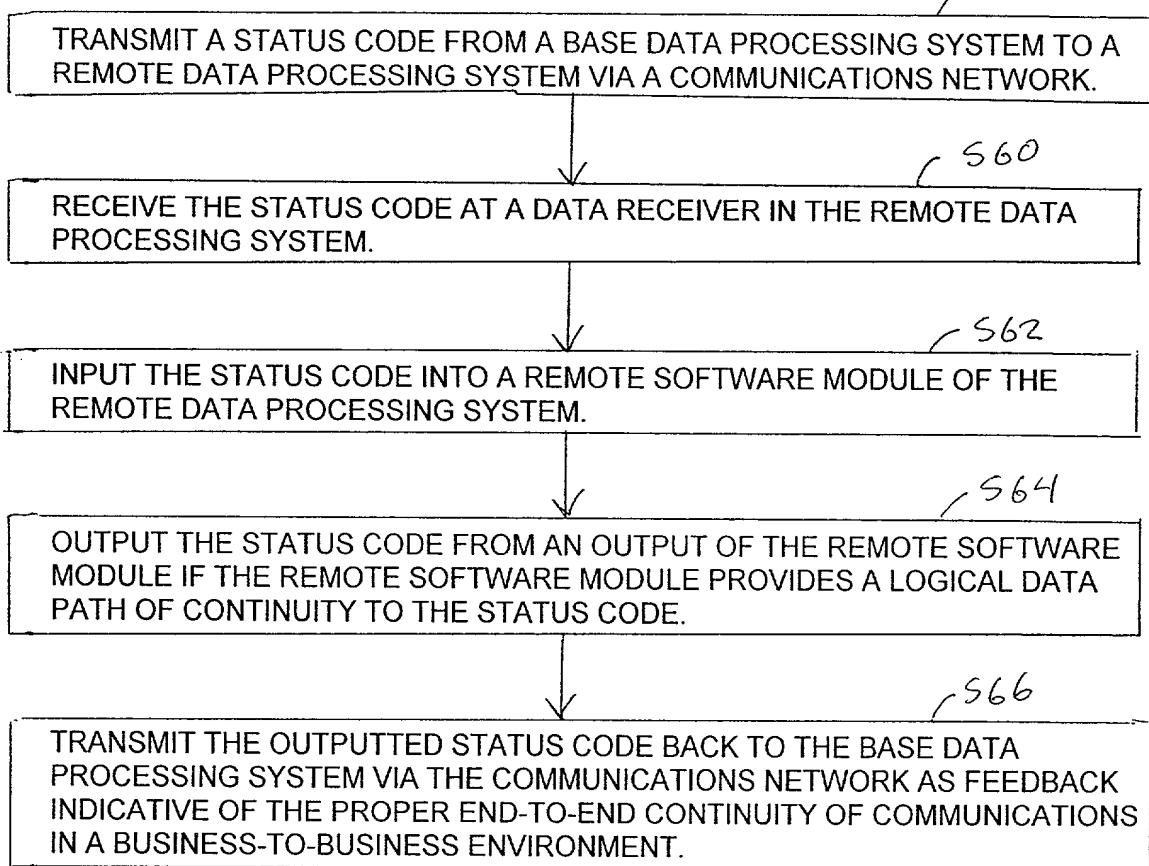
10022-55

FIG. 8



10022-55

FIG. 9



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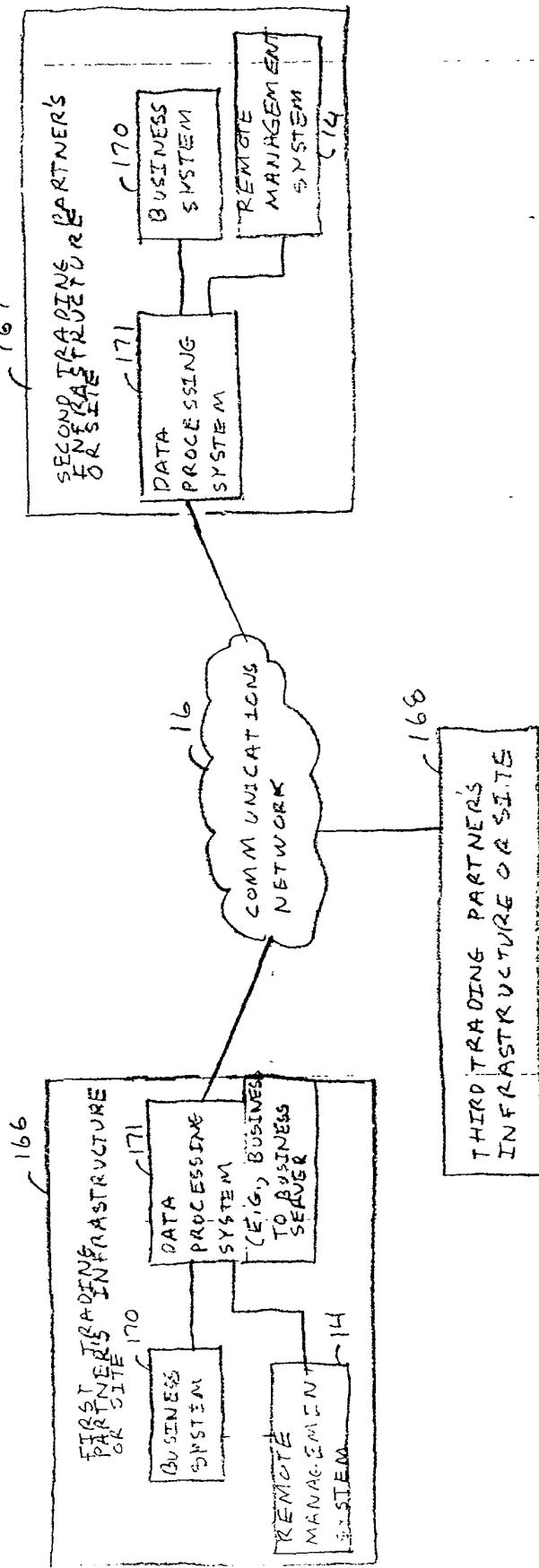
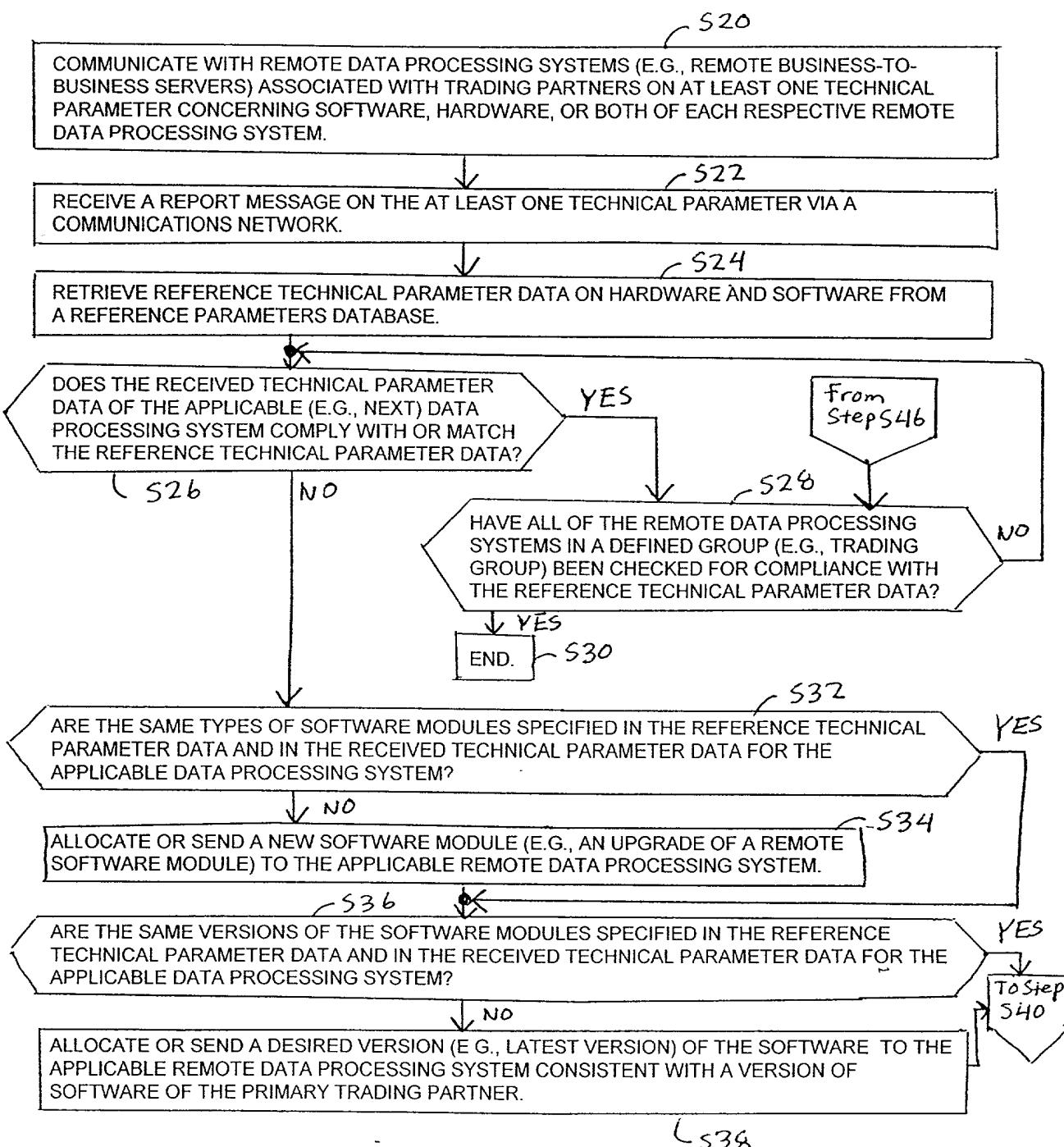


FIG. 10

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FIG.

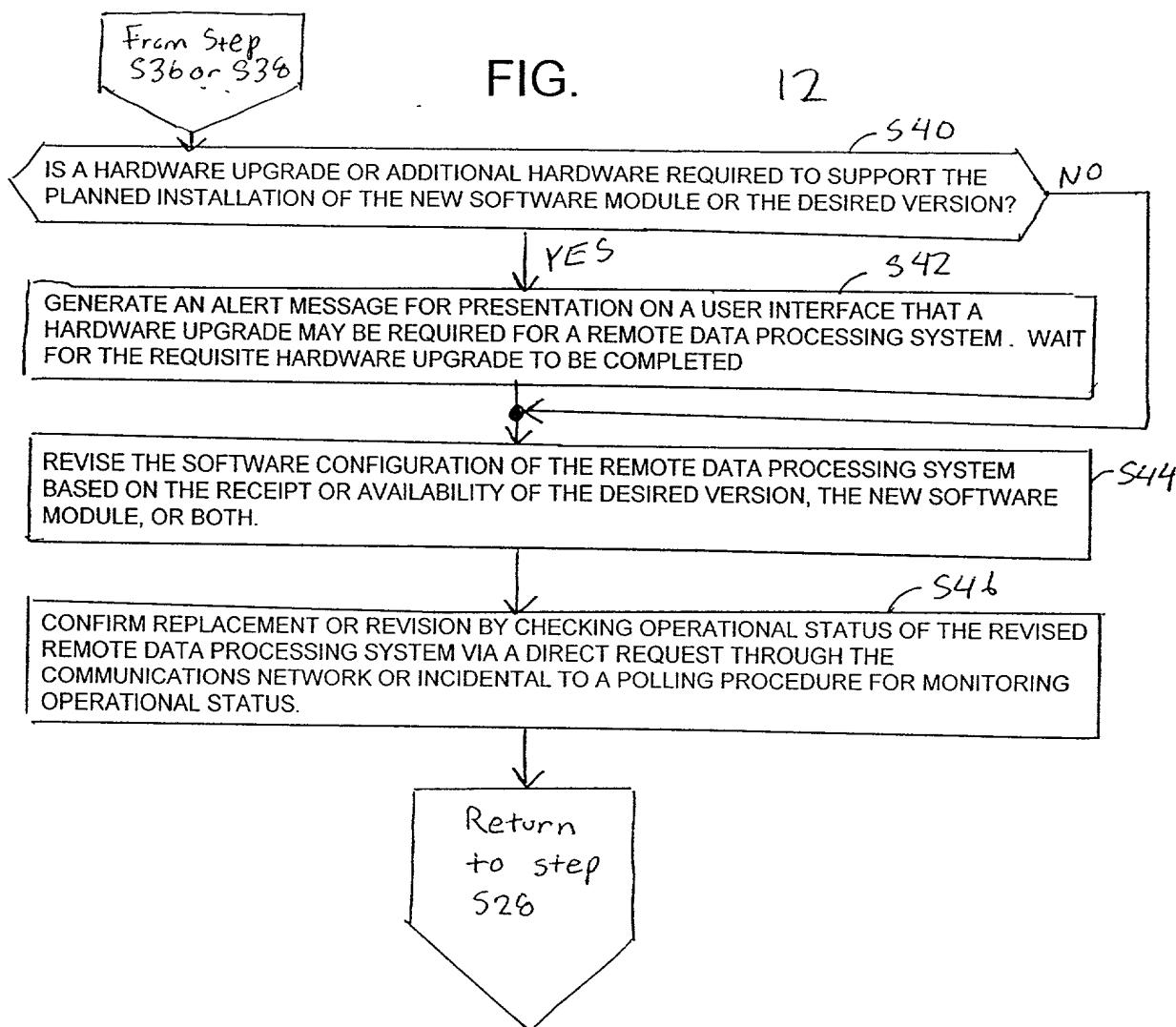
11



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FIG.

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FIG. 13

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REVISE A TECHNICAL PARAMETERS DATABASE SUCH THAT A REFERENCE CONFIGURATION REFLECTS A NEW FEATURE FOR INSTALLATION AT ONE OR MORE DATA PROCESSING SYSTEMS.

↓
S20
COMMUNICATE WITH REMOTE DATA PROCESSING SYSTEMS (E.G., REMOTE BUSINESS-TO-BUSINESS SERVERS) ASSOCIATED WITH TRADING PARTNERS ON AT LEAST ONE TECHNICAL PARAMETER CONCERNING SOFTWARE, HARDWARE, OR BOTH OF EACH RESPECTIVE REMOTE DATA PROCESSING SYSTEM.

↓
S22
RECEIVE A REPORT MESSAGE ON THE AT LEAST ONE TECHNICAL PARAMETER VIA A COMMUNICATIONS NETWORK.

↓
S24
RETRIEVE REFERENCE TECHNICAL PARAMETER DATA ON HARDWARE AND SOFTWARE FROM A REFERENCE PARAMETERS DATABASE.

Does the received technical parameter data of the applicable (e.g., next) data processing system comply with or match the reference technical parameter data?

S26

NO

YES

From Step S46

S28

Have all of the remote data processing systems in a defined group (e.g., trading group) been checked for compliance with the reference technical parameter data?

YES

END. S30

Are the same types of software modules specified in the reference technical parameter data and in the received technical parameter data for the applicable data processing system?

YES

NO

Allocate or send a new software module (e.g., an upgrade of a remote software module) to the applicable remote data processing system.

S34

Are the same versions of the software modules specified in the reference technical parameter data and in the received technical parameter data for the applicable data processing system?

YES

NO

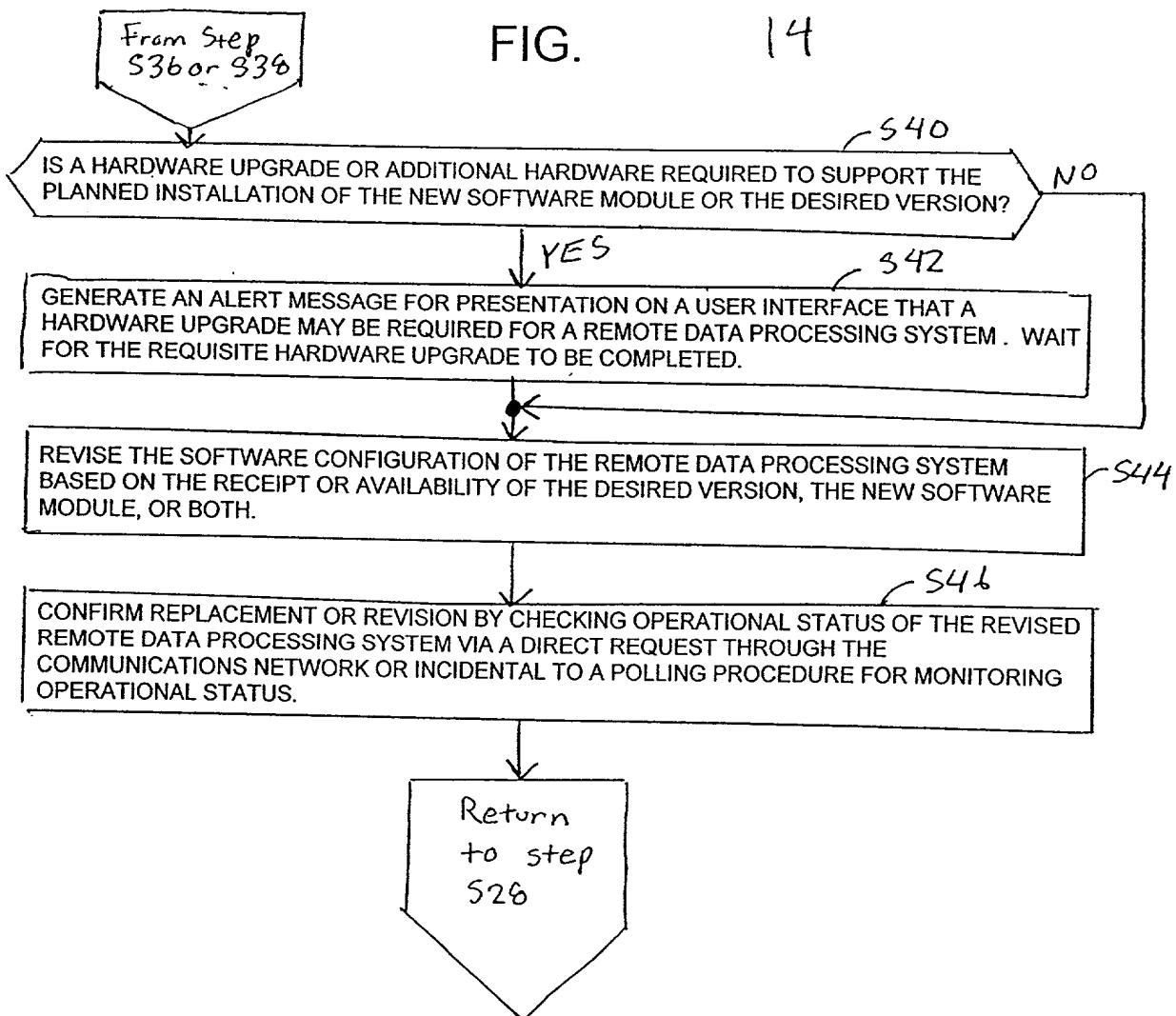
Allocate or send a desired version (e.g., latest version) of the software to the applicable remote data processing system consistent with a version of software of the primary trading partner.

To Step S40

↓
S38

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FIG. 14



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FIG. 15

